GIT COMMANDS

- Using "mkdir" command to use create folder using Git clone link copy to git hub account to clone on gitbash.

- Using "vi file.txt" commands to use edit inside the file "git add file.txt" command to add file in git hub "git status" command to check status.

- Using "git config –global user.email <add email>" command and "git config –global user.name<add name>" command to sync an github "git commit -m "firstcommit"" comment to use commit messages to github.

- Using "git status" command to check status "git push origin main" command to push file to git hub.

- Using "touch" command to create multiple file "git status -s" command to track status on short line "git add ." command to add the file.

- Using "git log –oneline" command to history of push to their github.

- Using "git branch <add name>" command to use to add another sub branch "git branch" to check branch status "git checkout <name>" to switch their branch.

```
MINGW64:/c/Users/hariharan/Downloads/giteve6/haridevops

Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 285 bytes | 142.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/hharan1899-lgtm/haridevops.git
   4db9c5f..a79ae6a  main -> main

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (main)
$ git branch hari/newbranch

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (main)
$ git branch
  hari/newbranch
* main

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (main)
$ git checkout hari/newbranch
Switched to branch 'hari/newbranch'

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git branch
* hari/newbranch
  main

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git add .

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ nano file7

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git add .
warning: in the working copy of 'file7', LF will be replaced by CRLF the next time Git touches it

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git commit -m "fifthcommit"
[hari/newbranch f1262dc] fifthcommit
 1 file changed, 2 insertions(+)
 create mode 100644 file7
```

- Using "git log –oneline" command to check push in new branch "ls" to list files "git switch main" command to switch main branch.

```
MINGW64:/c/Users/hariharan/Downloads/giteve6/haridevops

[hari/newbranch f1262dc] fifthcommit
 1 file changed, 2 insertions(+)
 create mode 100644 file7

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git push origin hari/newbranch
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 261 bytes | 261.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'hari/newbranch' on GitHub by visiting:
remote:      https://github.com/hharan1899-lgtm/haridevops/pull/new/hari/newbranch
remote:
To https://github.com/hharan1899-lgtm/haridevops.git
 * [new branch]      hari/newbranch -> hari/newbranch

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git log --oneline
f1262dc (HEAD -> hari/newbranch, origin/hari/newbranch) fifthcommit
a79ae6a (origin/main, origin/HEAD, main) fifthcommit
4db9c5f fourthcommit
cd6293f thirdcommit
b5588aa seconcommit
015e4ec firstcommit
2221d3c Initial commit

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ ls
README.md  file.txt  file2  file3  file4  file5  file6  file7

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (main)
$ cd history
```

- Using "history" command to show history of using git commands.

```
cd6293f thirdcommit
b5588aa seconcommit
015e4ec firstcommit
2221d3c Initial commit

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ ls
README.md  file.txt  file2  file3  file4  file5  file6  file7

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (hari/newbranch)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (main)
$ cd history
bash: cd: history: No such file or directory

hariharan@LAPTOP-JKJ9PR78 MINGW64 ~/Downloads/giteve6/haridevops (main)
$ history
    1  cd Downloads
    2  ssh -i "Hari.pem" ec2-user@ec2-16
    3  cd
    4  Downloads
    5  cd Downloads
    6  mkdir giteve6
    7  cd giteve6
    8  ls
    9  git clone https://github.com/hharan1899-lgtm/haridevops.git
   10  ls -lrt
   11  cd haridevops/
   12  ls -lrt
   13  ls -la
   14  vi file.txt
   15  ls
   16  git status
   17  git add file.txt
   18  git commit -m "firstcommit"
   19  git config --global user.email
   20  git config --global user.email "hharan1899@gmail.com"
   21  git config --global user.name "Hariharan"
```